

Claims

1. In an agricultural harvester having a crop processing unit comprising a rotor and a housing, the rotor comprising an axially extending drum and having a crop processing section provided with at least one crop processing element, the crop processing element comprising:
 - a support structure being attached to the rotor;
 - at least one crop engaging portion extending from the support structure;
 - an infeed element attachment feature extending from the support structure.
2. The crop processing element described in Claim 1 wherein the infeed element attachment feature is adapted to secure a rearward portion of the infeed element.
3. The crop processing element described in Claim 2 wherein the infeed element is a helical infeed flight.
4. The crop processing element described in Claim 1 wherein the crop processing element is located on a frusto-conical portion of the rotor.
5. The crop processing element described in Claim 3 wherein the crop engaging portion of the crop processing element sweeps a cylindrical path upon rotation of the rotor.
6. The crop processing element described in Claim 4 wherein the crop processing section is a threshing section and the crop processing element is a threshing element.
7. In an agricultural harvester having a crop processing unit comprising a rotor and a housing, the rotor comprising an axially extending drum and having a crop processing section provided with at least one crop processing element located on a frusto-conical portion of the rotor, the crop processing element comprising:
 - a support structure being attached to the rotor;
 - at least one crop engaging portion extending from the support structure that sweeps a cylindrical path upon rotation of the rotor.
8. The crop processing element described in Claim 7 wherein the crop processing section is a threshing section and the crop processing element is a threshing element.
9. The crop processing element described in Claim 7 wherein an infeed element

attachment feature extends from the support structure of the crop processing element.

10. The crop processing element described in Claim 9 wherein the infeed element attachment feature is adapted to secure a rearward portion of the infeed element.

11. The crop processing element described in Claim 10 wherein the infeed element is a helical infeed flight

12. In an agricultural harvester having a crop processing unit comprising a rotor and a housing, the rotor comprising an axially extending drum and having a crop processing section provided with at least one crop processing element located on a frusto-conical portion of the rotor, the crop processing element comprising:

a support structure being attached to the rotor;

at least one crop engaging portion extending from the support structure that sweeps a cylindrical path upon rotation of the rotor;

an infeed element attachment feature extending from the support structure.

13. The crop processing element described in Claim 12 wherein the infeed element attachment feature is adapted to secure a rearward portion of the infeed element.

14. The crop processing element described in Claim 13 wherein the infeed element is a helical infeed flight, the crop processing section is a threshing section, and the crop processing element is a threshing element.